

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Moon, Seung-Hwan  
Assignee: Samsung Electronics Co., Ltd.  
Title: LIQUID CRYSTAL DISPLAY HAVING DUAL SHIFT CLOCK WIRE  
Application No.: 09/312,835 Filing Date: 05/17/1999  
Examiner: Kumar, S.K. Group Art Unit: 2629  
Docket No.: AB-1622 US Confirmation No.: 3103

San Jose, California  
January 3, 2008

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§1.56, 1.97 and 1.98**

Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO-1449 are called to the attention of the Examiner for the above patent application.

Citation of these documents shall not be construed as:

- (1) an admission that the documents are necessarily prior art with respect to the instant invention;
- (2) a representation that a search has been made, other than as described above; or
- (3) an admission that the information cited herein is, or is considered to be material to patentability.

***Enclosed with this statement are the following:***

- ☒ Form PTO-1449 (*Substitute*). The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ A copy of each cited document as required by 37 C.F.R. §1.98 (*except where otherwise indicated*).

LAW OFFICES OF  
MacPherson, Kvok, Chen &  
Heid LLP

2033 Gateway Place  
Suite 400  
San Jose, CA 95110  
Telephone: (408)-392-9520  
Facsimile: (408)-392-9262

Complete copies are not submitted of U.S. patents and U.S. patent application publications per 37 C.F.R. §1.98(a)(2)(ii), and copies are not submitted of documents already cited or submitted in a parent application from which benefit under 35 U.S.C. §120 is claimed per 37 C.F.R. §1.98(d).

***This statement should be considered because:***

- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:
- ☐ It is being filed within 3 months of the application filing date of a national application other than a continued prosecution application under §1.53(d);  
-- OR --
  - ☐ It is being filed within 3 months of entry of the national stage as set forth in §1.491 in an international application;  
-- OR --
  - ☐ It is being filed before the mailing date of a first Office action *on the merits*;  
-- OR --
  - ☒ It is being filed before the mailing date of a first Office action *after the filing of an RCE under §1.114*.

whichever occurs last.

- ☐ Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:
- (1) It is being filed before the mailing date of a FINAL Office Action and before a Notice of Allowance or another action closing prosecution (whichever occurs first);  
-- AND (*check at least one of the following*) --
  - ☐ (1) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p);  
-- OR --
  - ☐ (2) Pursuant to 37 C.F.R. §1.97(e), each item of information contained in the information disclosure Statement was first cited in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.
- ☐ Although it may not qualify under subsections (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:
- (1) Pursuant to 37 C.F.R. §1.97(e), each item of information contained in the information disclosure Statement was first cited in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;  
-- AND --
  - (2) It is accompanied by the fee set forth in 37 C.F.R. §1.17(p);  
-- AND --

(3) It is filed on or before payment of the Issue Fee.

- ☒ **Fee Authorization.** The Commissioner is hereby authorized to charge any additional fee(s), charge any underpayment of fee(s), or credit any overpayment associated with this communication to Deposit Account No. 50-2257. A duplicate copy of this authorization is enclosed.

**CERTIFICATE OF EFS-WEB TRANSMISSION**

Certificate of Transmission: I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office (USPTO) via the USPTO's EFS-Web electronic filing system on January 3, 2008.

Typed or printed name of person signing this certificate:

Hugh H. Matsubayashi

Signature: \_\_\_\_\_

Respectfully submitted,



Hugh H. Matsubayashi  
Attorney for Applicants  
Reg. No. 43,779

**LAW OFFICES OF**  
MacPherson, Kwok, Chen &  
Heid LLP

2033 Gateway Place  
Suite 400  
San Jose, CA 95110  
Telephone: (408)-392-9520  
Facsimile: (408)-392-9262